Visual Resources Library
Equipment Information for Checkout
to art students, faculty and staff

Video Cameras

Canon VIXIA HF R20 Full HD Camcorder

Purchased 32 GB SDHC card for camera, includes its own tabletop tripod

VRL QTY	1
Use	Video + audio, Still Digital Camera
Memory	8GB Internal Flash Memory Drive+2xSD/SDHC/SDXC Memory Card Slots
Image	Digital Camera Built-In
Lens	Canon HD video lens with 28x advance zoom
Other	1920x1080 HD Recording, 3.28MP 1/4.85" CMOS Sensor, Headphone & Microphone Jacks, 3.0" Touch Panel LCD, Dynamic Image Stabilizer

Canon VIXIA HF R100 Camcorder

Purchased 32 GB SDHC card for camera, includes its own tabletop tripod

VRL QTY	4
Use	Video + audio, Still Digital Camera
Memory	Purchased 32gb SDHC memory card
Lens	Canon 20x HD Video Lens
Other	Canon 2.39-Megapixel HD CMOS Image Sensor captures video at 1664x936 resolution, Canon DIIGIC DV III Image Processor

Canon ZR 950

Standard definition, mini DV camcorder with 48x Advanced Zoom

VRL QTY	5
Use	Video + audio
Memory	2gb SD card, mini DV cassette (supplied by student)
Max Recoding Time	SP: 80 min; LP: 120 min. (80 min. cassette)
Image	Tape pixels: 16:9 = approx.. 550,000 pixels (ADV.Z off), 16:9 = approx.. 710,000 pixels (ADV.Z on, wide), 16:9 = approx.. 410,000 pixels (ADV.Z on tele)
Lens	Focal length: f = 2.6 – 96.2mm. Zoom: 48x Advanced zoom 37x Optical / 2000x Digital. Zoom Speed: Variable/3 fixed zoom speeds. Max F/Stop: f/2.0 – 5.2
Audio	16 bit (2ch) 48kHz; 12 bit (4ch) 32kHz
Other	Camera also has electronic stabilization and LCD screen.

Canon VIXIA HV30

High Definition, Mini DV camcorder with 10x zoom

VRL QTY	5
Use	Video + audio
Memory	2gb miniSD card, High Definition MiniDV recommended (63 min) or MiniDV cassette (supplied by student)
Max Recoding Time	SP: 80 minutes, HDV, DV. LP: 120 minutes DV
Image	12.3 million effective pixels. 12.9 million total pixels.
Lens	Focal Length: f=.1 – 61mm. Zoom: 10x Optical/200x Digital. Zoom Speed: Variable/3 fixed zoom speeds. Max F/Stop: f/1.8-3.0mm (when tapes are used)
Audio	DV: 16 bit (2ch) 48kHz. 12 bit (4ch) 32 kHz. 4ch synchronous recording not possible; HDV: MPEG 1 Audio Layer 2 (2 ch) (4-channel playback of tapes containing 4-channel recordings possible)
Other	Camera has LCD screen, microphone terminal, SuperRange optical (lens shift) image stabilization, Instant autofocus/manual focus available.

Sony HR-AX2000

"The Big Camera"

VRL QTY	1
Use	Video + audio
Memory	32 GB HX SD memory stick pro – hg duo
Image	Enhanced Imaging Processor. 3 x 1, 120K each (red, green, blue)
Lens	Aperture: F1.6-3.4. 20x optical zoom. Zoom: 30x approx. digital zoom. Focal length: 29.5 – 590mm (16:9) 36.1 – 722mm (4:3) Full range focal control (auto and manual)
Audio	HD Dolby Digitial 2ch, 16bit, 48kHz SD: Dolby Digital 2ch, 16bit, 48kHz
Other	Built in microphone, microphone input, remote commander

***One large Ravelli tripod used exclusively for this large professional camcorder**

Still Cameras

Nikon D90

12.3-megapixel DX-format, 3 lens options, and HD movie mode

VRL QTY	8
Use	Still images, video available
Memory	16 or 32 gb SD card
Image	1/6" CCD with 290k effective pixels
Lenses Available	AF-S Nikkor 60mm 1:2.8G AF-S Nikkor 18-105mm 1:3.5-5.6G AF-S Nikkor 18:70mm 1:3.5-4.5G
Shutter speeds	30 sec. – 1/4000 sec.
Video Option	VGA 640x424 / 24 fps QVGA 320x216 / 24fps Movie with sound HD 1280x720 / 24 fps.
Battery	850 shots per charge
Other	Camera has LCD screen, depth of field control, self-timer, auto and manual modes, built in flash

Nikon D3100

VRL QTY	8
Use	Still Images, Video Available
Memory	32gb SD card
Image	Pixels: Actual: 14.8 Megapixel Effective: 14.2 Megapixel
Lenses Available	Nikkor 18-55mm
Shutter Speeds	30 - 1/4000 sec
Video Option	1920 x 1080p (Full HD) 1280 x 720p (HD) 640 x 424p (SD)
Battery	Rechargeable Lithium-Ion Battery Pack
Other	Camera has LCD screen, depth of field control, self-timer, auto and manual modes, built in flash

4

Nikon Coolpix

Small "point-and-shoot" 10 megapixels, 3x optical zoom,

VRL QTY	22
Use	Still images, video available
Memory	44mb internal memory, 4 GB SD card
Image	10 million effective pixels
Lens	3x optical zoom f/3.1-5.9
Video Option	Movie with sound Small size (320x240) TV movie (640x480)
Battery	180 shots per charge
Other	Image stabilization (motion detection, 2000 ISO, automatic "best shot selector"), LCD screen, flash, red-eye fix, built in flash

Olympus Evolt E-500

12.3-megapixel DX-format, 3 lens options, and HD movie mode

VRL QTY	1
Memory	4gb compact flash
Image	8.15 effective million pixels
Lenses Available	14-45mm 1:3.5–5.6 40-150mm 1:3.5-4.5 50 mm 1:2 macro
Shutter speeds	A,P,Ps: 1/4000 to 60 Sec. (depends on conditions) S: 1/4000 to 60 Sec. M: 1/4000 to 60 Sec. and Bulb (up to 8 minutes) AUTO: 1/4000 to 2 Sec. Scene: 1/4000 to 2 Sec (depends on selected mode)
Other	Built in flash

Audio Recorders

Marantz PMD620

Handheld recorder

VRL QTY	4
Use	Audio only
Memory	4 GB SD card
Recording format	MP3: MPEG1 layer 3 compression WAV: 16/24 Bit Linear PCM
Recording bit rate	Stereo: 44.1/48 kHz Mono: 96/64/32 kbps
Battery	(Alkaline) 5 hours
Other	External mic jack

5

Marantz PMD620 MKII Portable Stereo Flash Recorder

Handheld recorder

VRL QTY	2
Use	Audio only
Memory	4 GB SD card
Recording format	MP3: MPEG1 layer 3 compression WAV: 16/24 Bit Linear PCM
Recording bit rate	Stereo: 44.1/48 kHz Mono: 96/64/32 kbps
Battery	(Alkaline) 5 hours
Other	External mic jack

***both recorders come with Rycote mini windjammer**

Lighting Kits

Smith-Victor K84 4-Light 100 Watt Ultra Cool Portrait Kit

VRL QTY	1
Use	Lighting for documentation & photo
Kit Includes	2 A80 8" Ultra Cool Light (120 V), 2 A5 5" Adapta-light (120 V), ECA Lamp 250W/120V, 45W 45" White Umbrella, DP5 clip on diffuser for 5" Lights RS8 8' Aluminum Light Stand w/ 5/8" Top Mount, RS3 3' Air Cushioned Aluminum Light Stand w/ 5/8" top mount, MB 110 2 Section Lightweight Boom
Bulbs	(included)
Other	One might periodically be checked out to faculty. There are 4 lights total.
Check out	3 days

***1 -5" light used by Angie Piehl in Oil Painting room BC 201**

ePhoto 2400 Watt Tungsten continuous Video Photo Studio

Focusable Dimmable Barndoor Kit FL 100R3

VRL QTY	1
Use	Photo & Video
Kit Includes	3 Red head lights w/ 800W quartz bulb & barndoor set, power cable, 3 6.5' light stands
Bulbs	(included)
Other	Gets very hot, do not use for more than 30mins! This is cheap kit…
Check out	3 days

PBL Triple QL-1000 Photography-Video Light Kit w/ Boom (total 3000wt)

VRL QTY	1
Use	Photo & Video
Kit Includes	3 Red head lights w/ 800W quartz bulb & barndoor set, power cable, 3 6.5' light stands
Bulbs	(included)
Other	Keep in mind when you set these up, they are huge w/ the light covers. You'll need more space & time to set them up.
Check out	3 days

***All lights kept in Room 305-BC-Graphic Design, lights can be checked out in bag if other students need to borrow them.**

Tablets

Wacom Intuos2 USB Tablet 6x8

Intuos2 Grip Pen & Intuos2 2D Mouse

VRL QTY	5
Other	Intuos2 Grip Pen & Intuos2 2D Mouse

Also available:

- 1 USB SuperDrive (DVD and CD)
- 1 large Ravelli tripod for use with Sony HR AX2000 camcorder
- 6 regular tripods (Vanguard, Ravelli, Vista, Xit)
- 3 monopods (Dolica WT-1003)
- 2 lights with stands and umbrellas (Smith-Victor Model 765-UM)
- 1 strobe light (StudioMax Studio Strobe; Medalight Model PG3001-ML) *only works manually
- 1 Neewer (brand) Macro LED Ring light w/battery pack, power adapter, 6 adapter rings
- 2 lens filter kits w/three filters each (1 UV filter, 1 CPL filter, 1 FLD filter) all for 67mm lenses
- 2 tulip lens hoods for 67mm
- 2 rubber hoods
- 3 card readers (MS, M2, TF, XD, SD/MMC)
- 2 Pro Series 0.43x High Definition AF 72mm **wide angle lens** & adapter ring
- 2 72mm Professional HD DSLR MC AF 2X **telephoto lens** (Japan optics) & adapter ring
- 2 Dell laptop computers with Windows 7, Microsoft Office, Excel, Powerpoint, etc.
- 2 Dell speakers
- 4 older projectors (In Focus, Dell, Epson) or a nicer Dell projector/Mac Book w/case.